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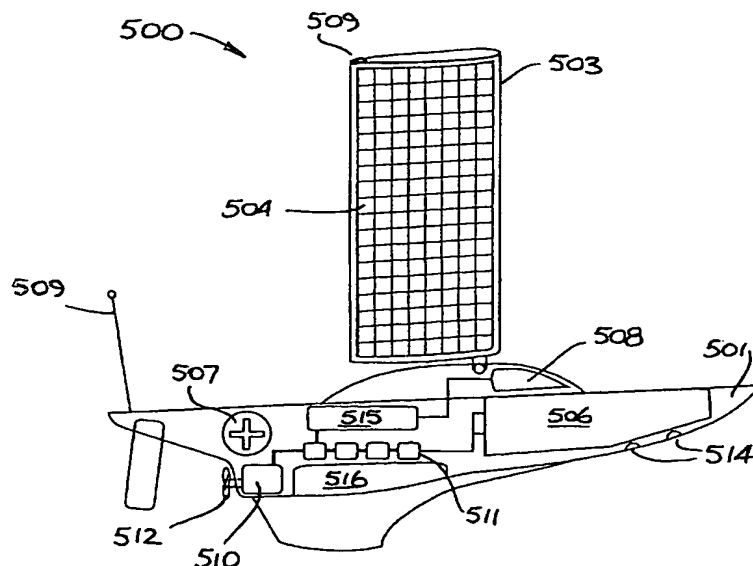
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(54) Title: **UNMANNED OCEAN VEHICLE**



(57) Abstract: An unmanned, autonomous, waterborne vehicle (500) for marine use capable of operating on and below the surface of water, said vehicle (500) including an enclosed hull (501) having a payload bay (506), a hybrid propulsion system having energy collection means (504) in the form of a wing sail (503) covered with photovoltaic cells and energy storage means (511) for utilising at least solar energy and wind energy, a plurality of sensors (508, 514) for detecting predetermined environmental parameters and a communications system (509, 515) for transmitting data from said sensors (508, 515) to and for receiving command signals from one or more remote stations and/or cooperating vehicles.

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